

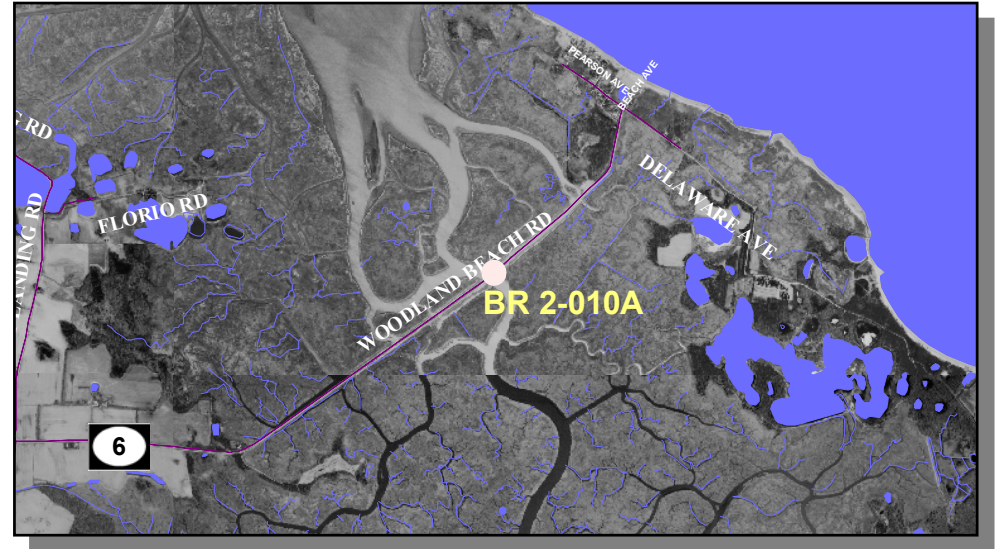
# ***ROAD SYSTEM***

# ***BRIDGES***

***BR 2-010A ON SR 6 OVER DUCK CREEK, WOODLAND BEACH***

**PROJECT SCOPE/DESCRIPTION:** Bridge 2-010A provides the only access to Woodland Beach. Traffic will be maintained during the construction. Rehabilitation work will include replacement of the wearing surface; repair of the existing prestressed beam superstructure by epoxy injection; repair of the substructure through concrete patching, epoxy injection, and member reconstruction; repair of the piles by jacketing; minor approach work; and safety improvements.

**PROJECT JUSTIFICATION:** The bridge is in need of repair to maintain and extend the life of this single access to this local town and is currently ranked 107<sup>th</sup> out of 1,399 on the department's bridge deficiency list (via the bridge management program).



<b>County:</b>	Kent
<b>Municipality:</b>	
<b>Funding Program:</b>	Road System – Bridges
<b>Functional Category:</b>	Preservation
<b>Representative District:</b>	9
<b>Senatorial District:</b>	14



***BR 2-010A ON SR 6 OVER DUCK CREEK, WOODLAND BEACH (CONTINUED)***

***Bridge 2-010A***



**BR 2-010A ON SR 6 OVER DUCK CREEK, WOODLAND BEACH (CONTINUED)****PROJECT FUNDING INFORMATION**

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 10/22/02	Expended as of 10/22/02	Committed Unexpended as of 10/22/02	Authorization Available
BR 2-010A on SR 6 Over Duck Creek, Woodland Beach		\$ 927.0						
Prior Years	State			\$ 20.4	\$ 20.4	\$ 5.4	\$ 15.0	\$ 0.0
	Federal			\$ 81.6	\$ 22.4	\$ 21.7	\$ 0.7	\$ 59.2
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2003	State		\$ 927.0	\$ 10.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 10.0
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 59.2
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2004 Request	State			\$ 163.0				\$ 173.0
	Federal			\$ 652.0				\$ 711.2
	Other			\$ 0.0				\$ 0.0
FY 2005 Projected	State			\$ 0.0				\$ 173.0
	Federal			\$ 0.0				\$ 711.2
	Other			\$ 0.0				\$ 0.0
FY 2006 Projected	State			\$ 0.0				\$ 173.0
	Federal			\$ 0.0				\$ 711.2
	Other			\$ 0.0				\$ 0.0
FY 2007-2009 Projected	State			\$ 0.0				\$ 173.0
	Federal			\$ 0.0				\$ 711.2
	Other			\$ 0.0				\$ 0.0
Total Projected	State			\$ 193.4	\$ 20.4			\$ 173.0
	Federal			\$ 733.6	\$ 22.4			\$ 711.2
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 927.0	\$ 927.0	\$ 927.0	\$ 42.8	\$ 27.1	\$ 15.7	\$ 884.2

**BR 2-010A ON SR 6 OVER DUCK CREEK, WOODLAND BEACH (CONTINUED)****PROJECT TIMELINE INFORMATION**

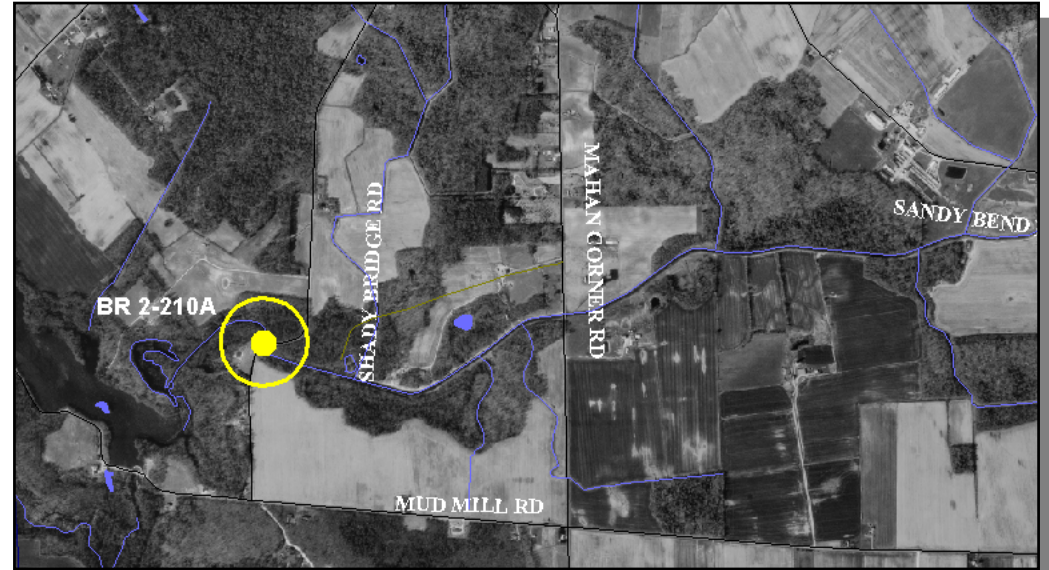
Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007 -2009
22-075-02	<b>BR 2-010A on SR 6 Over Duck Creek, Woodland Beach</b>	PE	80% FHWA	\$ 102.0	\$ 102.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
		RW	100% ST	10.0	0.0	10.0	0.0	0.0	0.0	0.0
		C	80% FHWA	815.0	0.0	0.0	815.0	0.0	0.0	0.0
	Total All Funds			\$ 927.0	\$ 102.0	\$ 10.0	\$ 815.0	\$ 0.0	\$ 0.0	\$ 0.0



***BR 2-210A ON SHADY BRIDGE ROAD OVER SHADES BRANCH, SOUTH OF MARYDEL***

**PROJECT SCOPE/DESCRIPTION:** This project will involve the replacement of the existing steel girder/timber deck bridge on Shady Bridge Road (K210) with a prestressed concrete bridge with pile-supported abutments, protected by rip-rap. Work may include realignment of the approaches. Each approach will have guardrail placed in front of the abutments to a similar extent as exists now.

**PROJECT JUSTIFICATION:** The bridge capacity is substandard and it is functionally obsolete. This bridge is ranked 61<sup>st</sup> on the department's bridge deficiency list (via the bridge management program).



<b>County:</b>	Kent
<b>Municipality:</b>	
<b>Funding Program:</b>	Road System – Bridges
<b>Functional Category:</b>	Preservation
<b>Representative District:</b>	29
<b>Senatorial District:</b>	15



***Bridge 2-210A on Shady Bridge Road***



**BR 2-210A ON SHADY BRIDGE ROAD OVER SHADES BRANCH, SOUTH OF MARYDEL (CONTINUED)****PROJECT FUNDING INFORMATION**

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 10/22/02	Expended as of 10/22/02	Committed Unexpended as of 10/22/02	Authorization Available
BR 2-210A on Shady Bridge Road Over Shades Branch, South of Marydel		\$ 807.0						
Prior Years	State			\$ 112.0	\$ 112.0	\$ 112.0	\$ 0.0	\$ 0.0
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2003	State		\$ 807.0	\$ 139.0	\$ 27.0	\$ 9.0	\$ 18.0	\$ 112.0
	Federal			\$ 556.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 556.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2004 Request	State			\$ 0.0				\$ 112.0
	Federal			\$ 0.0				\$ 556.0
	Other			\$ 0.0				\$ 0.0
FY 2005 Projected	State			\$ 0.0				\$ 112.0
	Federal			\$ 0.0				\$ 556.0
	Other			\$ 0.0				\$ 0.0
FY 2006 Projected	State			\$ 0.0				\$ 112.0
	Federal			\$ 0.0				\$ 556.0
	Other			\$ 0.0				\$ 0.0
FY 2007-2009 Projected	State			\$ 0.0				\$ 112.0
	Federal			\$ 0.0				\$ 556.0
	Other			\$ 0.0				\$ 0.0
Total Projected	State			\$ 251.0	\$ 139.0			\$ 112.1
	Federal			\$ 556.0	\$ 0.0			\$ 556.0
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 807.0	\$ 807.0	\$ 807.0	\$ 139.0	\$ 121.0	\$ 18.0	\$ 668.1

**BR 2-210A ON SHADY BRIDGE ROAD OVER SHADES BRANCH, SOUTH OF MARYDEL (CONTINUED)****PROJECT TIMELINE INFORMATION**

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007 -2009
21-072-01	<b>BR 2-210A on Shady Bridge Road Over Shades Branch</b>	PE	100% ST	\$ 104.0	\$ 104.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
		RW	100% ST	8.0	8.0	0.0	0.0	0.0	0.0	0.0
		C	80% FHWA	695.0	0.0	695.0	0.0	0.0	0.0	0.0
	Total All Funds			\$ 807.0	\$ 112.0	\$ 695.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0